

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,999,432 B2
APPLICATION NO. : 09/895870
DATED : February 14, 2006
INVENTOR(S) : Qian Zhang et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, Item (54), in "Title", line 2, after "MULTIMEDIA" insert -- DELIVERY --.

In column 1, line 2, after "MULTIMEDIA" insert -- DELIVERY --.

In column 2, line 22, delete "Quality-of-Service" and insert -- Quality of Service --, therefor.

In column 3, line 42, delete "22a-22b" and insert -- 22a-22f --, therefor.

In column 3, line 47, delete "20a-20" and insert -- 20a-20b --, therefor.

In column 3, line 49, delete "24a **and** 24b" and insert -- 24a-24c --, therefor.

In column 6, line 26, after "one" insert -- way --.

In column 7, line 3, after "all" insert -- configuration operations --.

In column 10, line 61, delete "X_i" and insert -- X₁ --, therefor.

In column 11, line 59, delete "R_i=F(D_i)" and insert -- R₁=F(D₁) --, therefor.

In column 14, line 49, delete "NR" and insert -- N_R --, therefor.

In column 15, line(s) 1-5, delete

" $A \cup B = B_{trans} \times \frac{1 - P_{u,f}}{2 - P_{u,ss} - P_{u,f}} = B_{trans} \times \frac{1 - P_{u,fs}}{1 + P_{u,fs} - P_{u,ss}}$ " and insert

-- $A \cup B = B_{trans} \times \frac{1 - P_{u,f}}{2 - P_{u,ss} - P_{u,f}} = B_{trans} \times \frac{1 - P_{u,fs}}{1 + P_{u,fs} - P_{u,ss}}$ --, therefor.

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In column 23, line(s) 1-5, delete

“ $P_{fail,packet,layer}(i, j) \left| \prod_{m=1}^{i-1} (1 - P_{fail,packet,layer}(m, j)) \right|$ ” and insert

$$P_{fail,layer}(i, j) = P_{fail,packet,layer}(i, j) \left| \prod_{m=1}^{i-1} (1 - P_{fail,packet,layer}(m, j)) \right| \text{ --, therefor.}$$

In column 23, line 13, delete “ bn_1 ” and insert $-- bn_1 --$, therefor.

In column 24, line(s) 52-59, delete

$$PC_{ARQ}(R_{ARQ}) = \sum_{l=1}^{ln} pc\left(R_{b_base}(l), \dots, R_{b_base}(ln)\right)$$

“ and insert

$$\{r_1\} + \sum_{j=2}^{N_{max}-1} \left\{ \sum_{i=1}^{ln} [P_{fail}(i, j-1) \times pc(R_{b_base}(i), r_j)] \right\}$$

$$PC_{ARQ}(R_{ARQ}) = \sum_{i=1}^{bn} \rho c(R_{s_base}(i), t_1) + \sum_{j=2}^{N_{max}-1} \{ \sum_{i=1}^{bn} [P_{fail}(i, j-1) \times \rho c(R_{s_base}(i), t_j)] \},$$

therefor.

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In column 27, line 20, after "TABLE 2" insert -- b --.

In column 27, line 65, after "23a-23c" insert --) --.

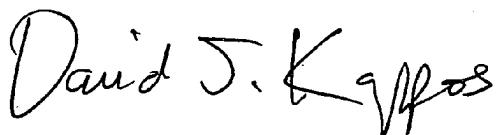
In column 28, line 4, delete "comparison" and insert -- comparisons --, therefor.

In column 30, line 35, after "technologies" insert -- . --.

In column 34, line 3, after "general-" insert -- purpose --.

Signed and Sealed this

Eleventh Day of August, 2009



David J. Kappos
Director of the United States Patent and Trademark Office